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# NetAccountability Method Overview

FIGURE 1

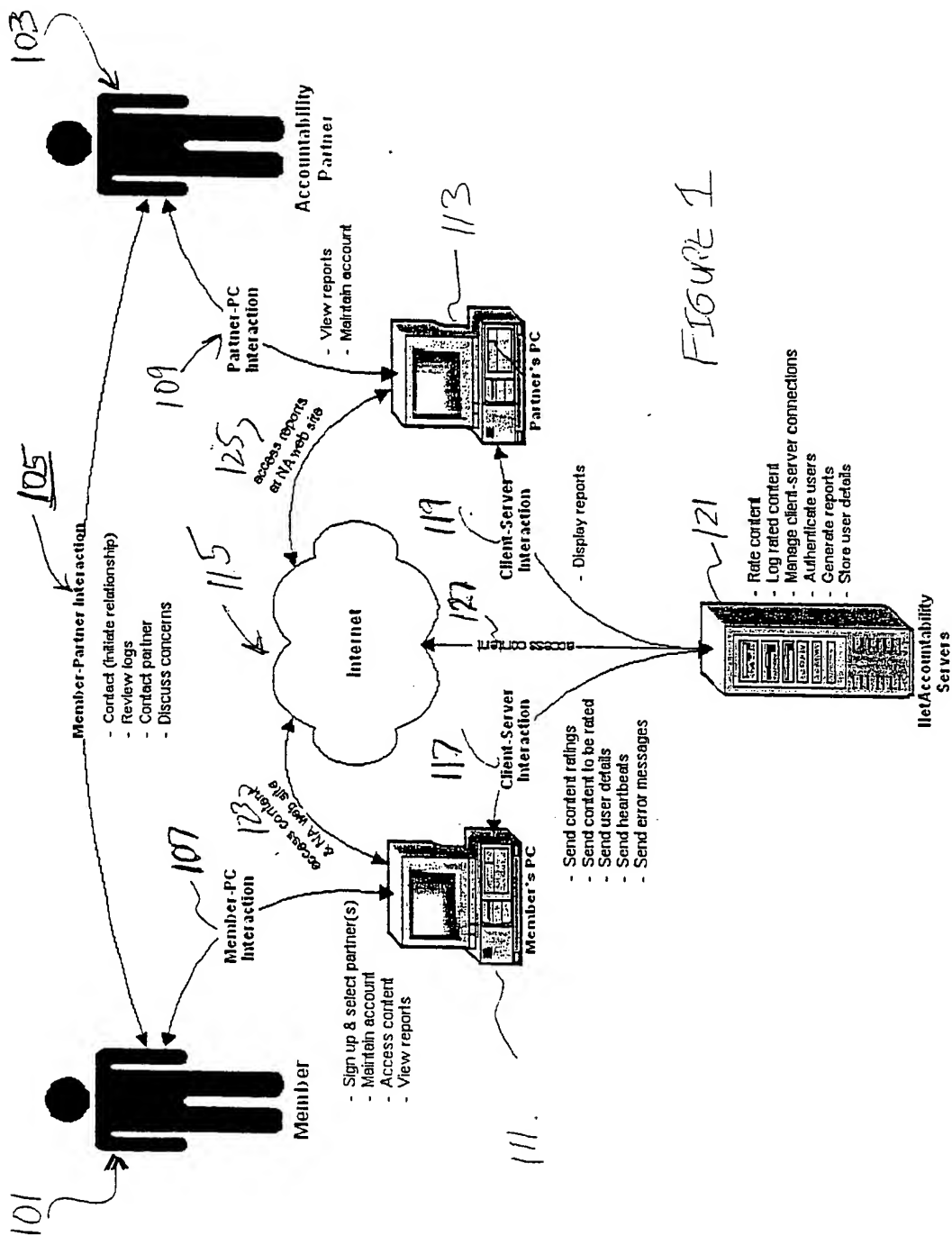


Figure 1

# NetAccountability System Functional Decomposition Diagram

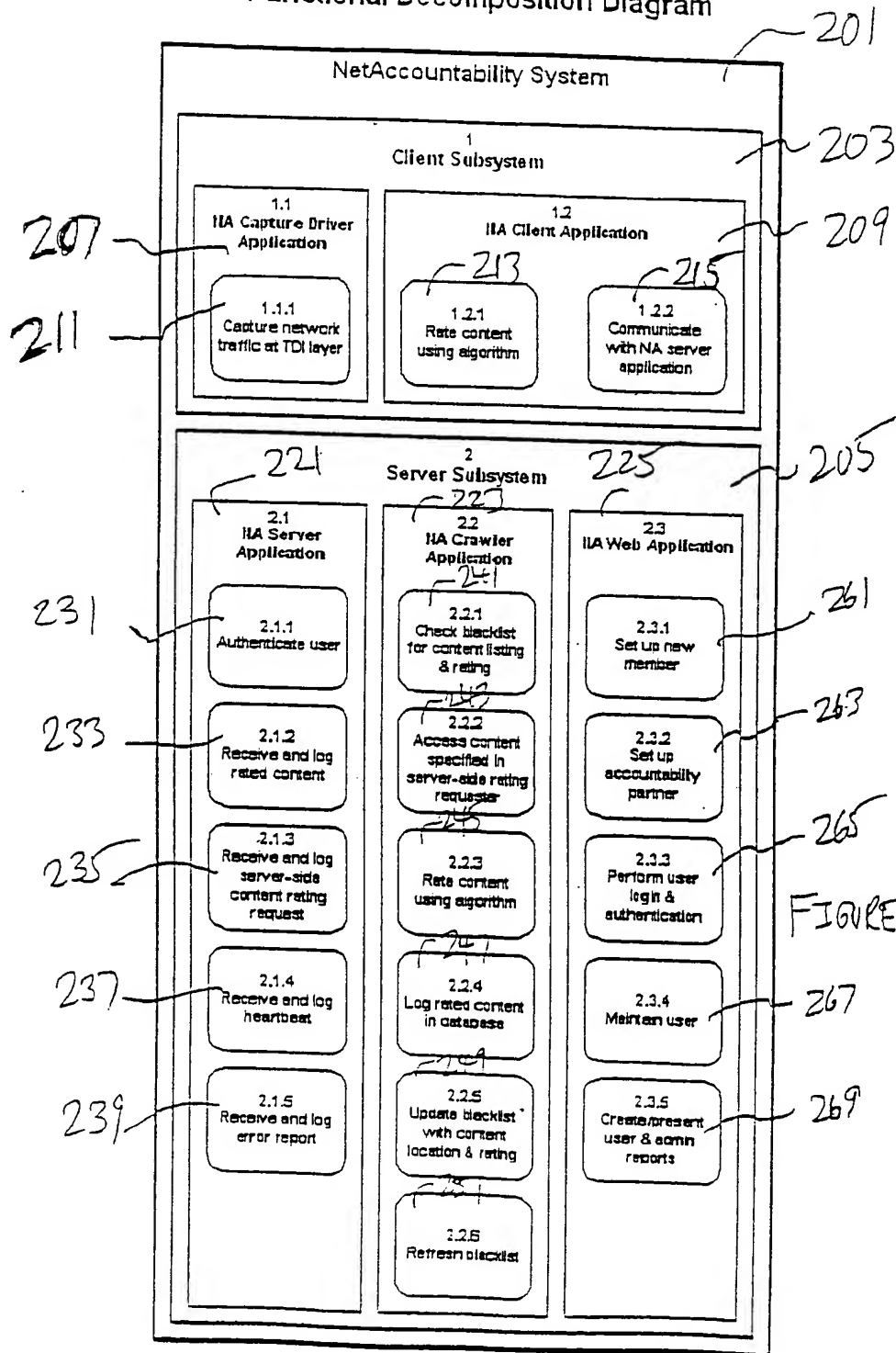


FIGURE 2

# FIGURE 3

## NetAccountability Client Software Architecture

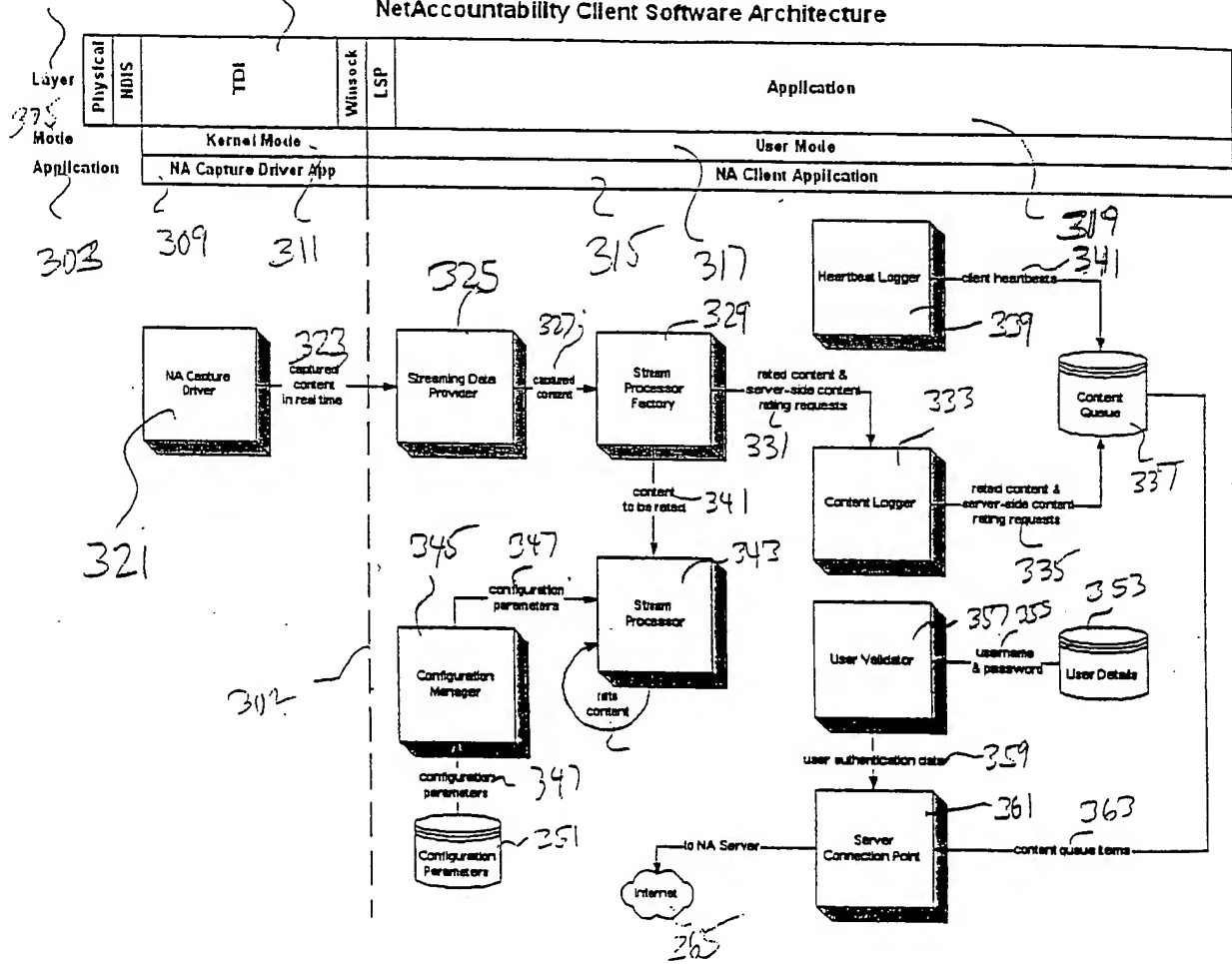


FIGURE 4

NetAccountability System  
Simplified Entity Relationship Diagram

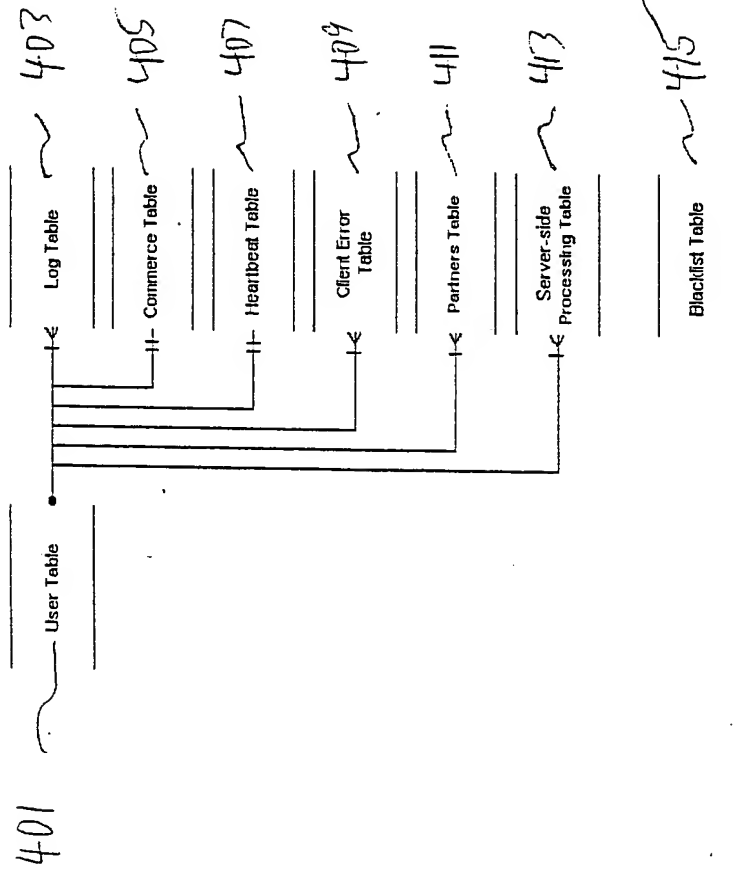
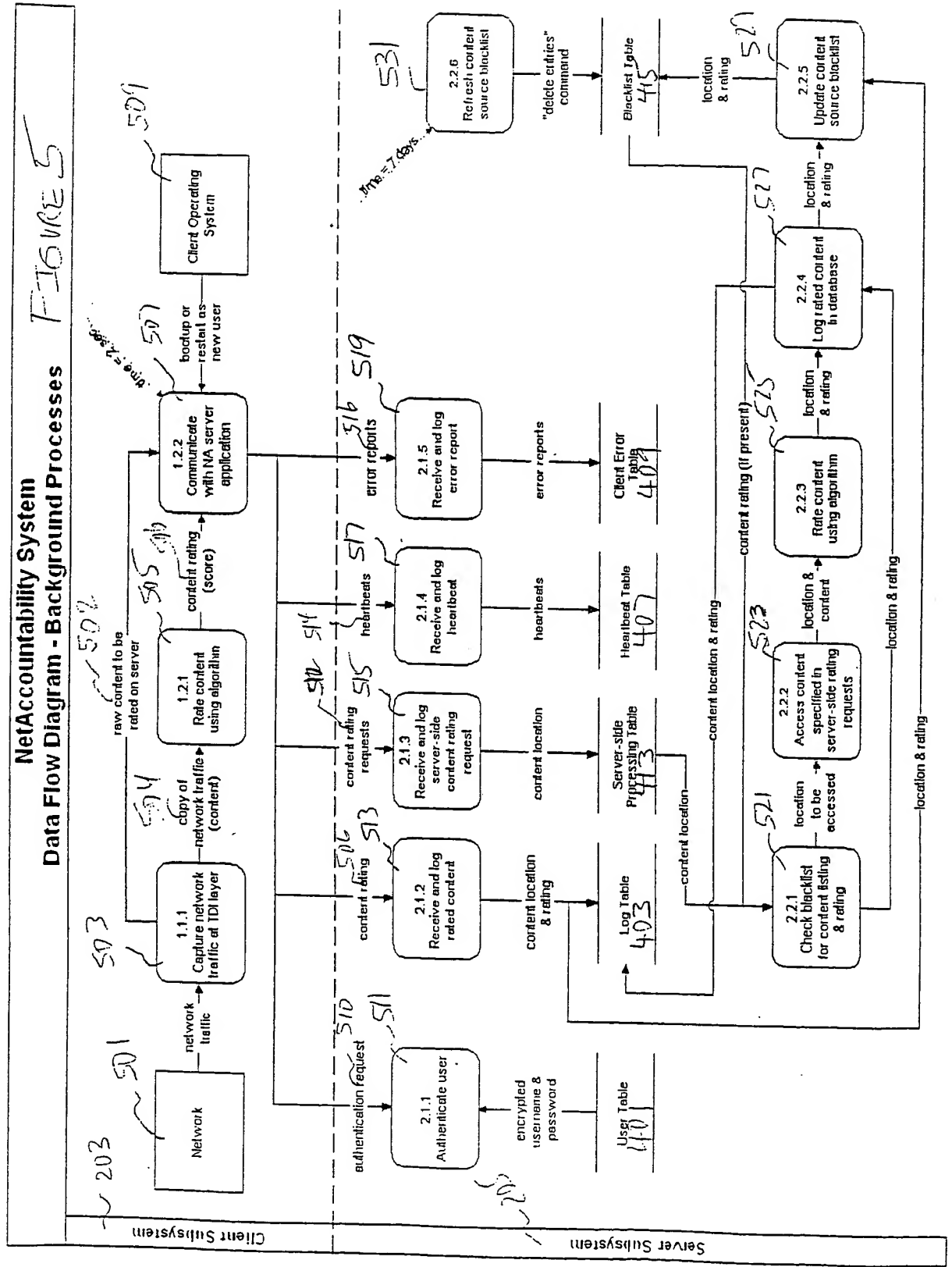
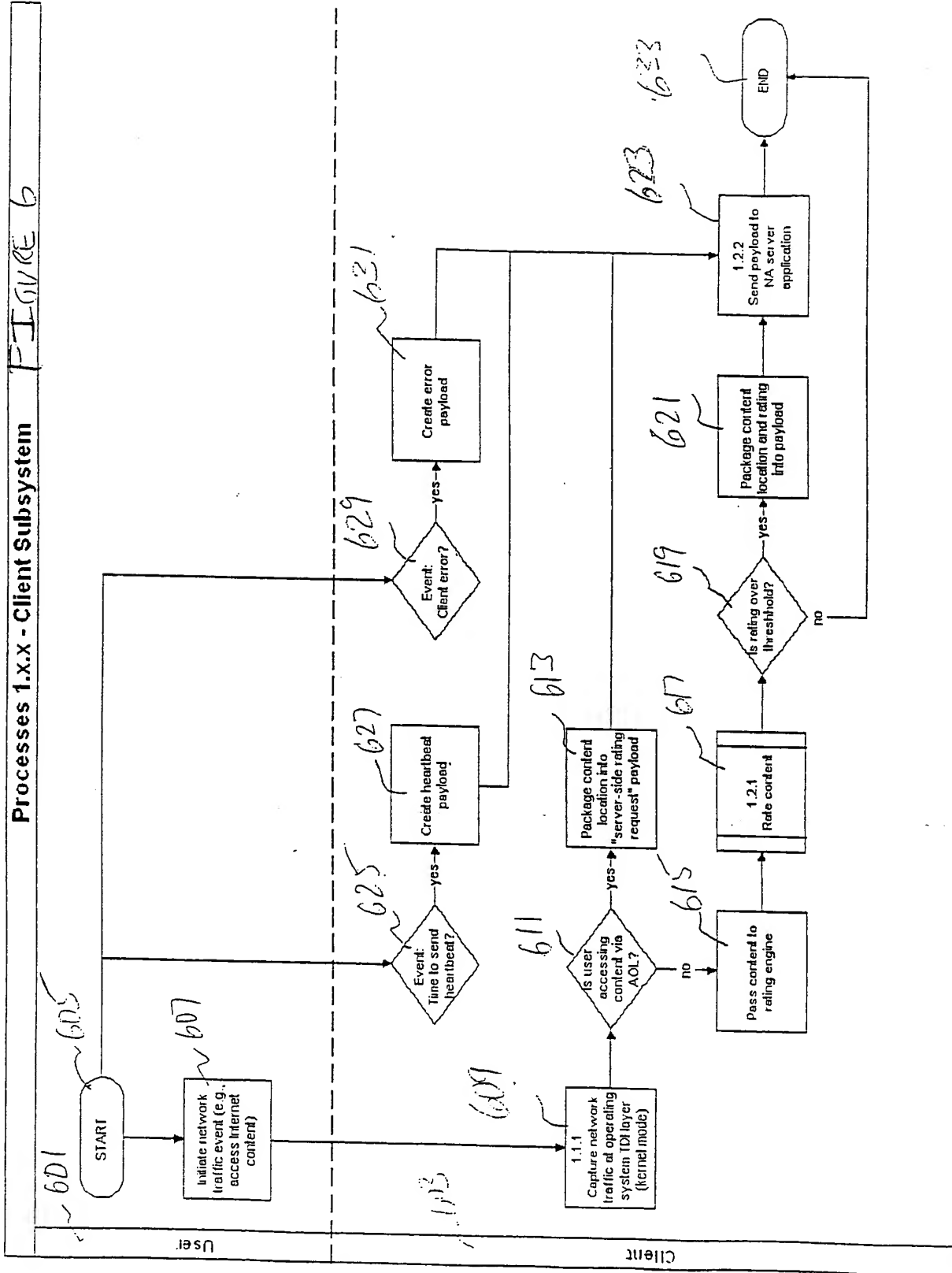


FIGURE 5



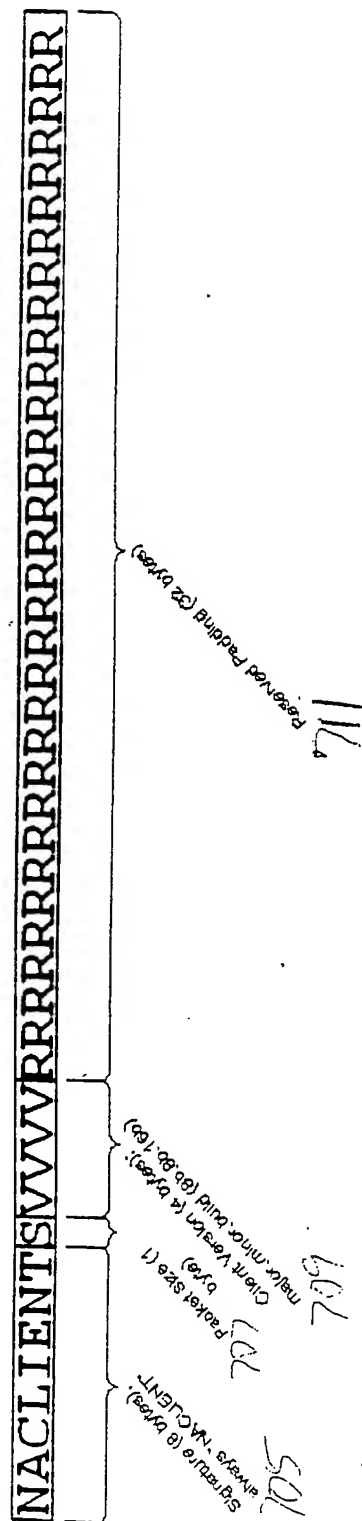
# Processes 1.x.x - Client Subsystem

FIGURE 6

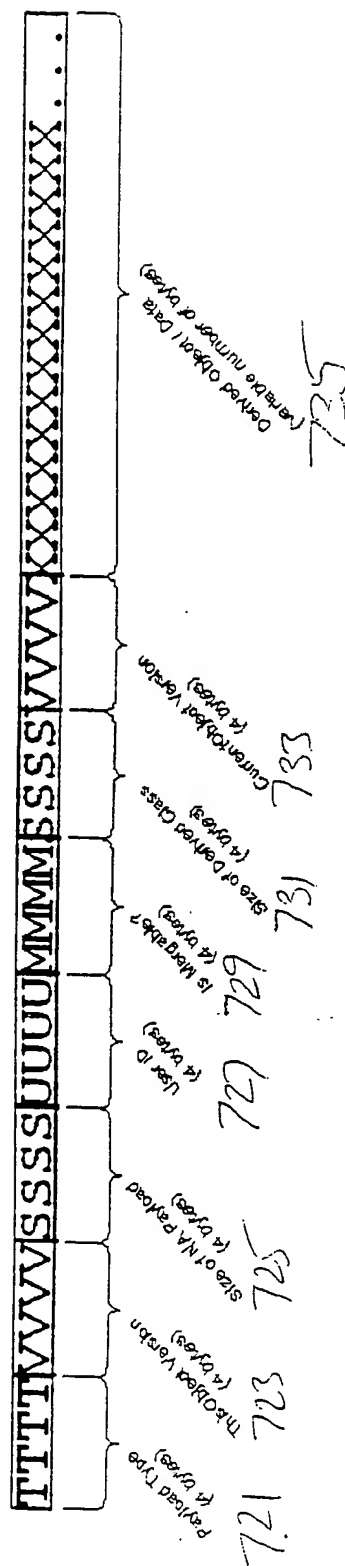


10

# NetAccountability Connection Request Packet

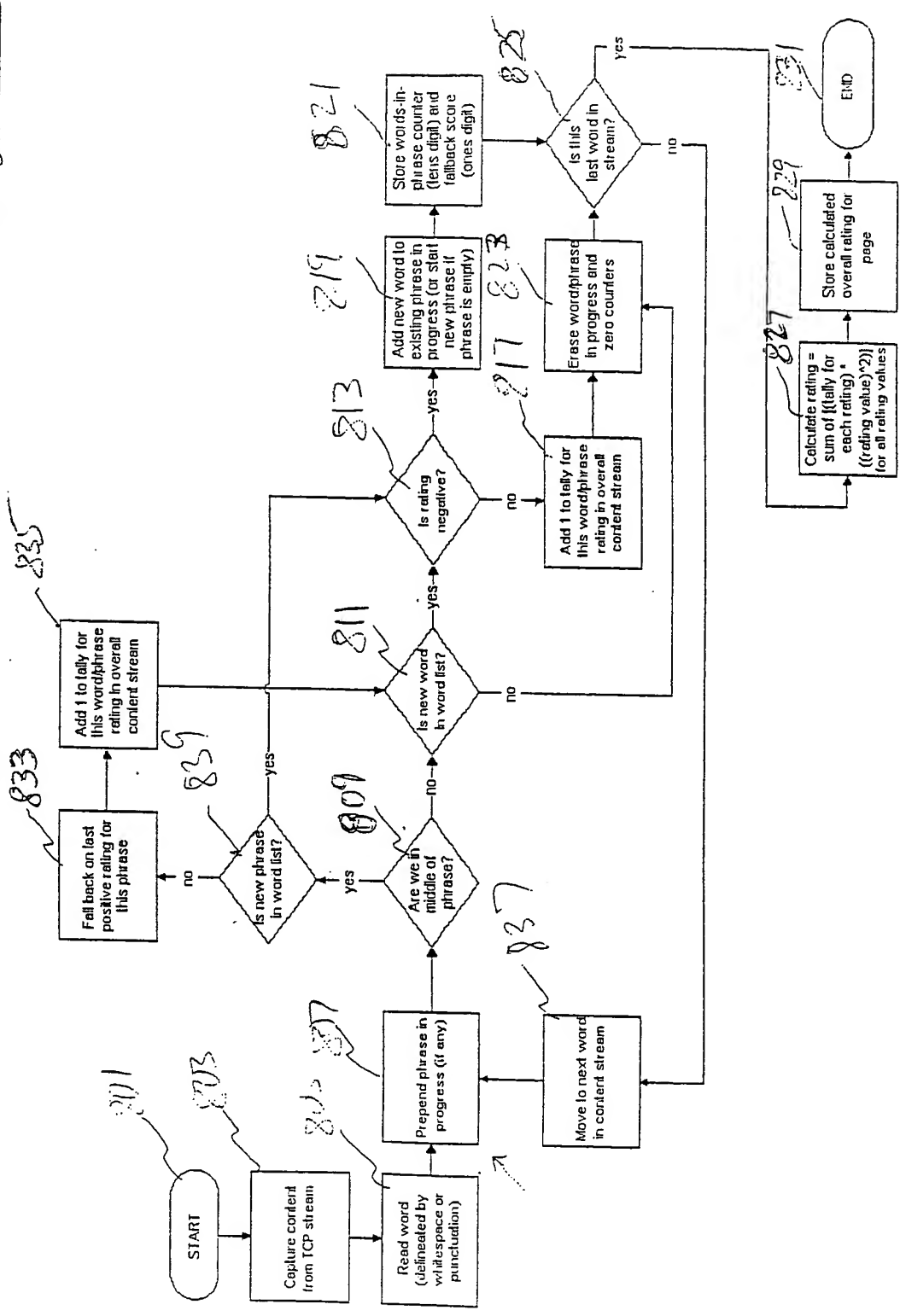


## NetAccountability Generic Payload



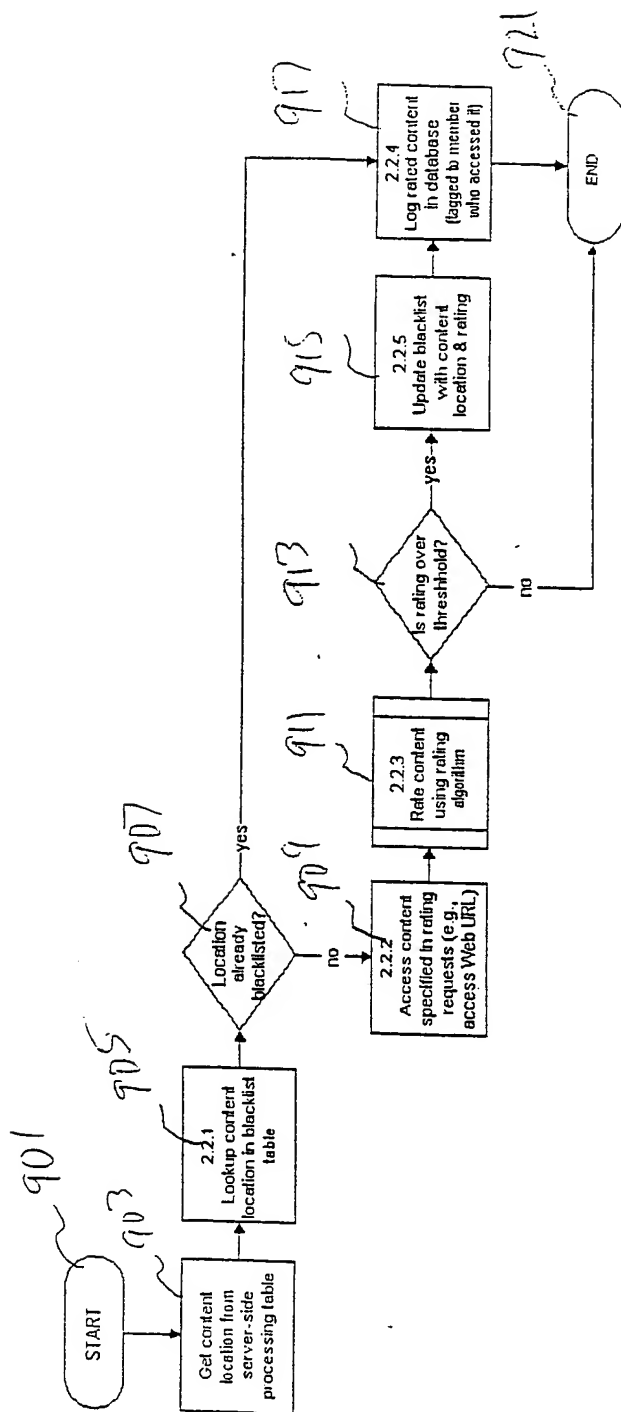


Process 1.2.1/2.2.3 - Rate Content Using Algorithm **FIGURE 8**



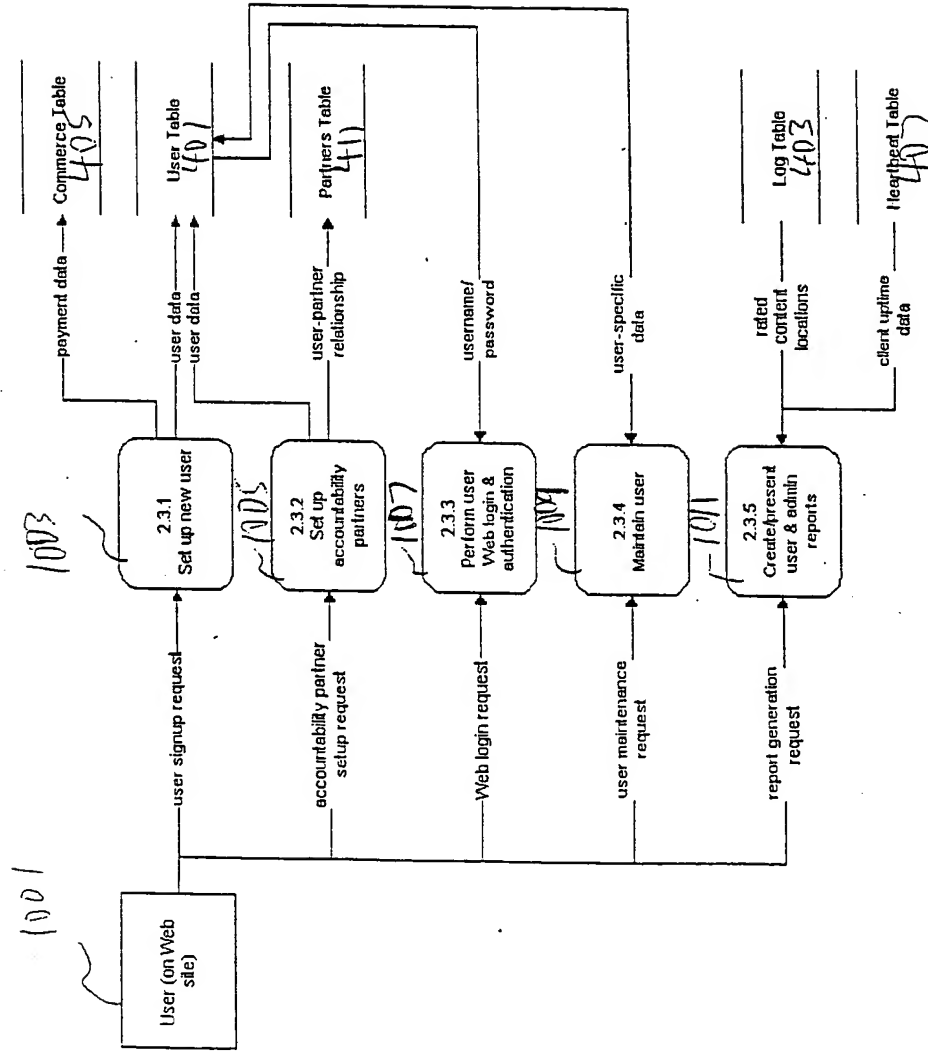
# Processes 2.2.x - NA Crawler Application

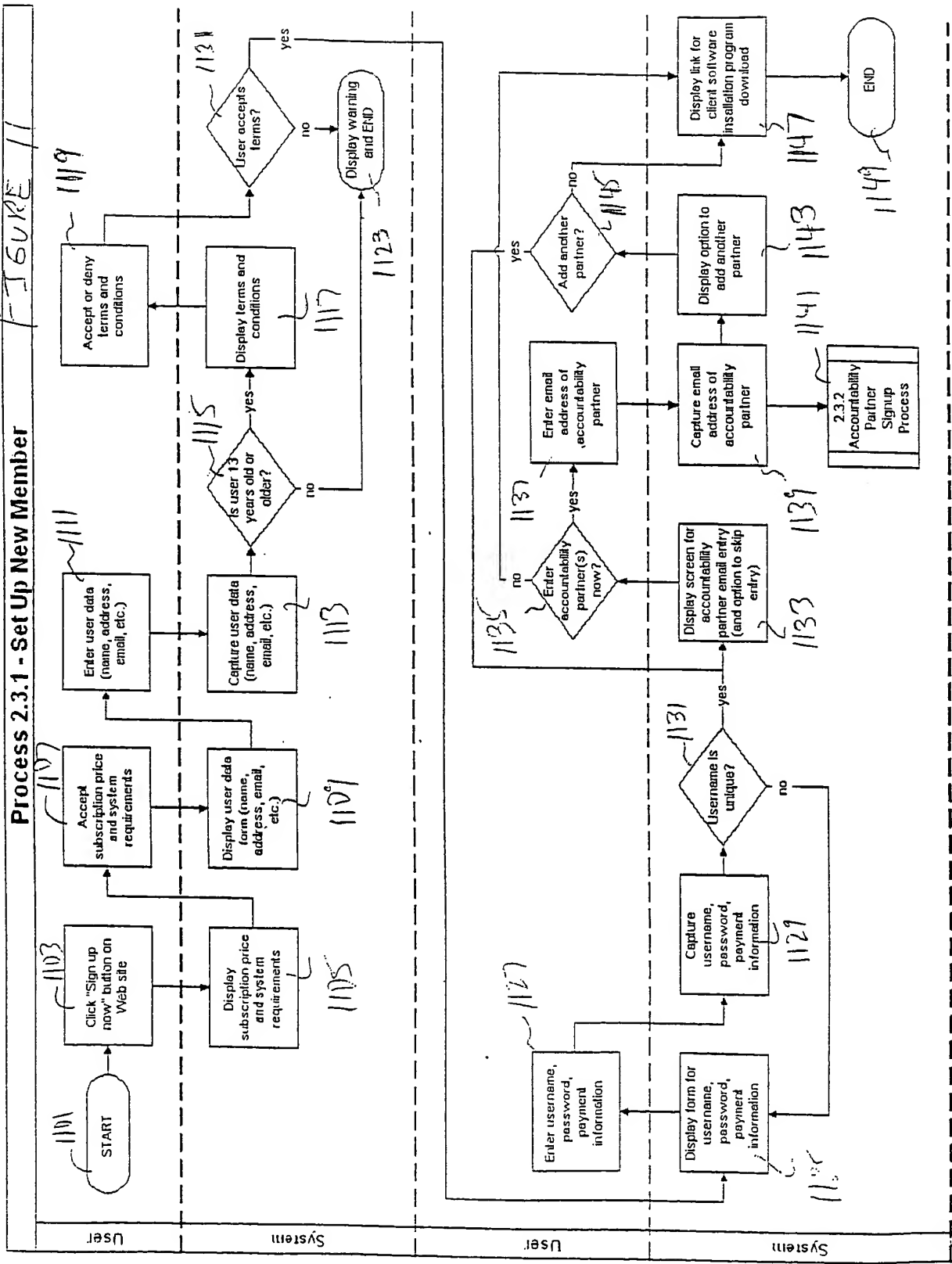
FIGURE 9



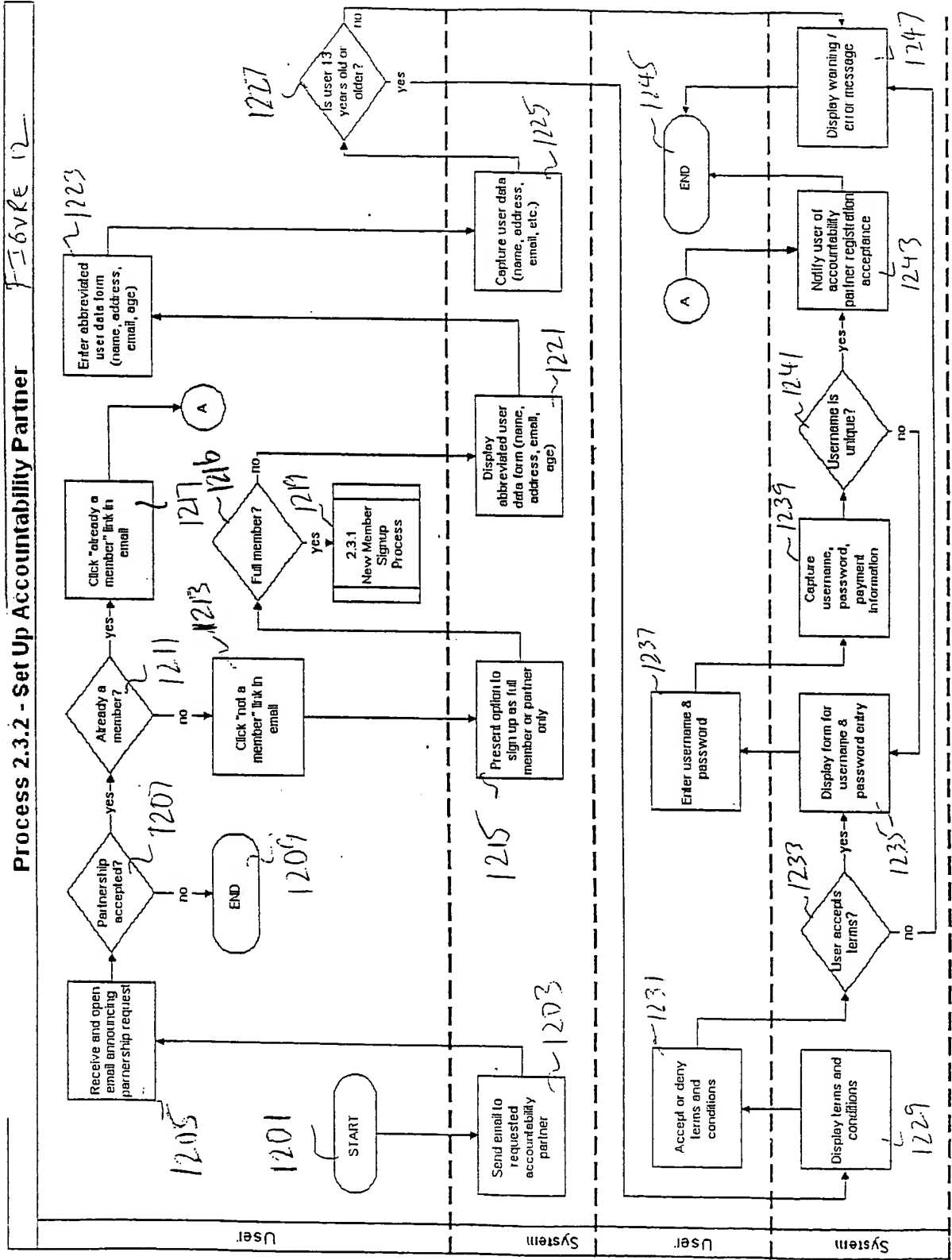
# NetAccountability System Data Flow Diagram - User-initiated Processes

FIGURE 10





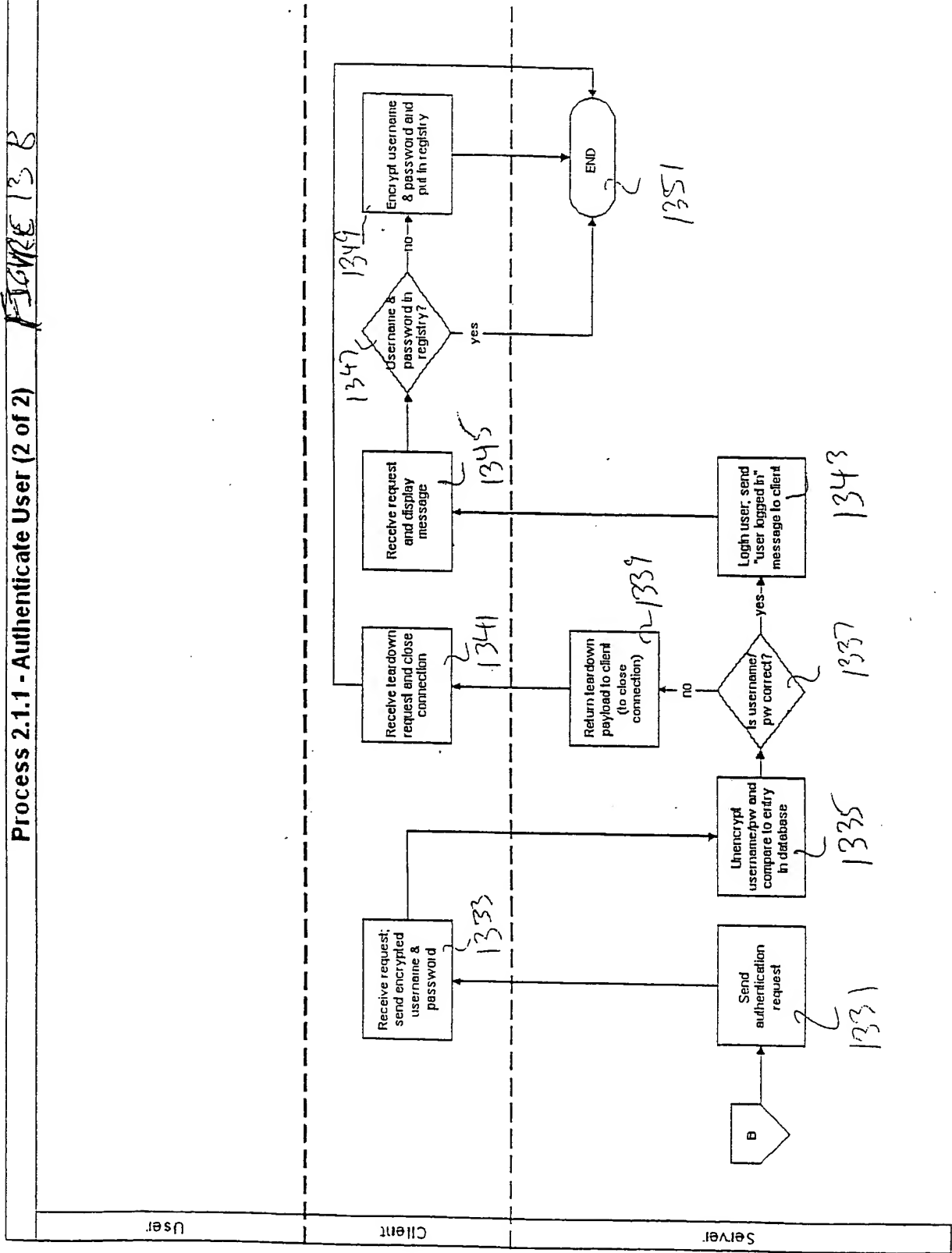
# Process 2.3.2 - Set Up Accountability Partner





# Process 2.1.1 - Authenticate User (2 of 2)

FIGURE 13 B



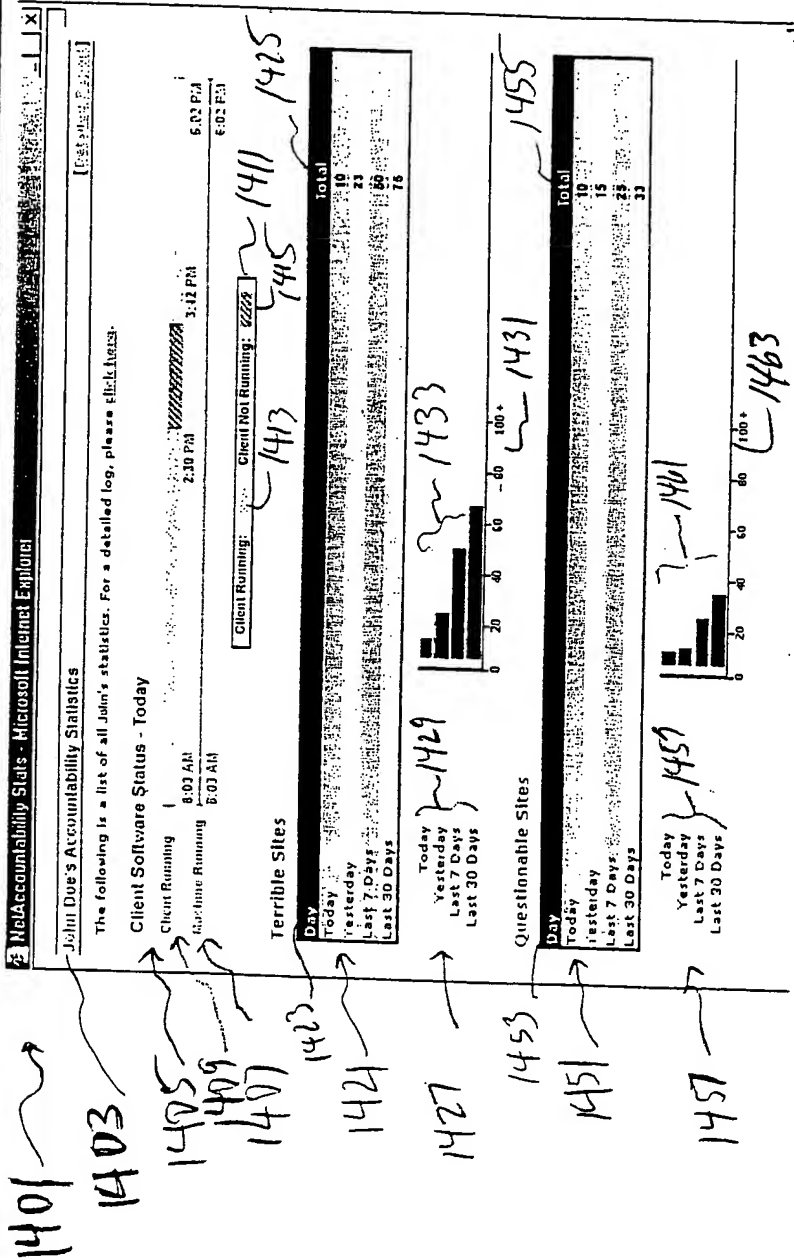
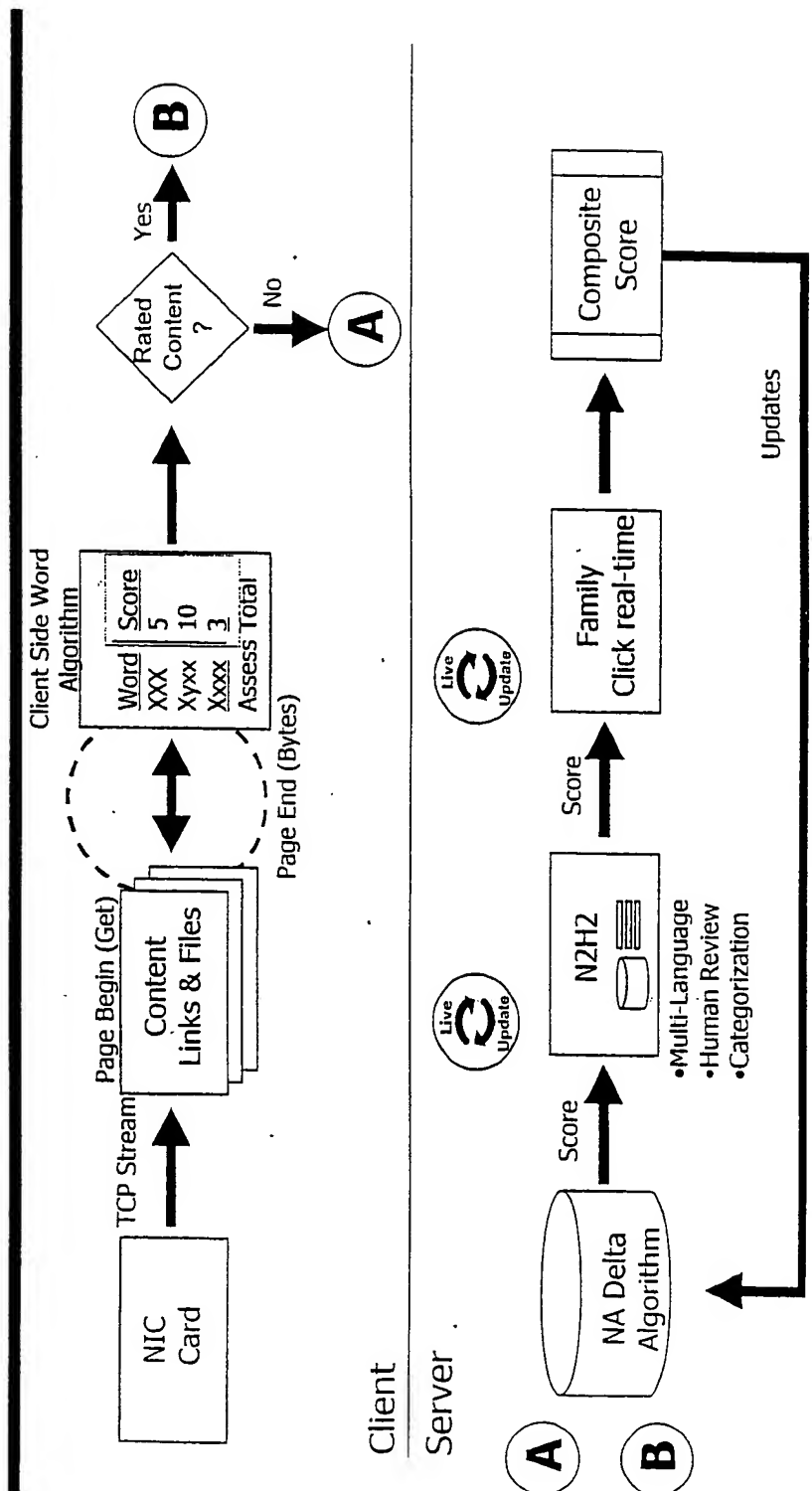


FIG 14

Benefits>>



FIG 15



# Content Rating Logic Diagram (Content Rating Object)

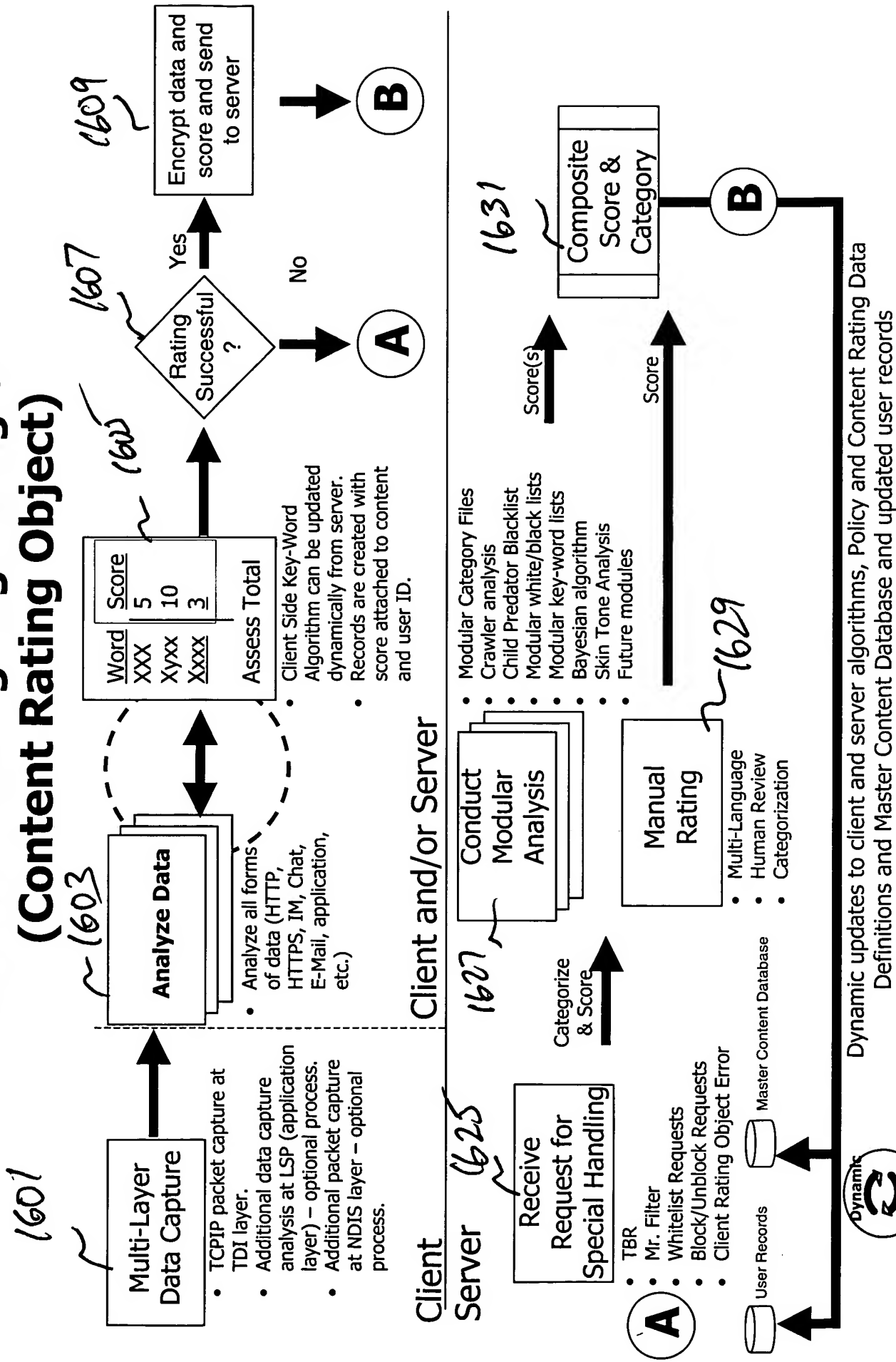


FIGURE 16

# System for distributed data mining and content rating

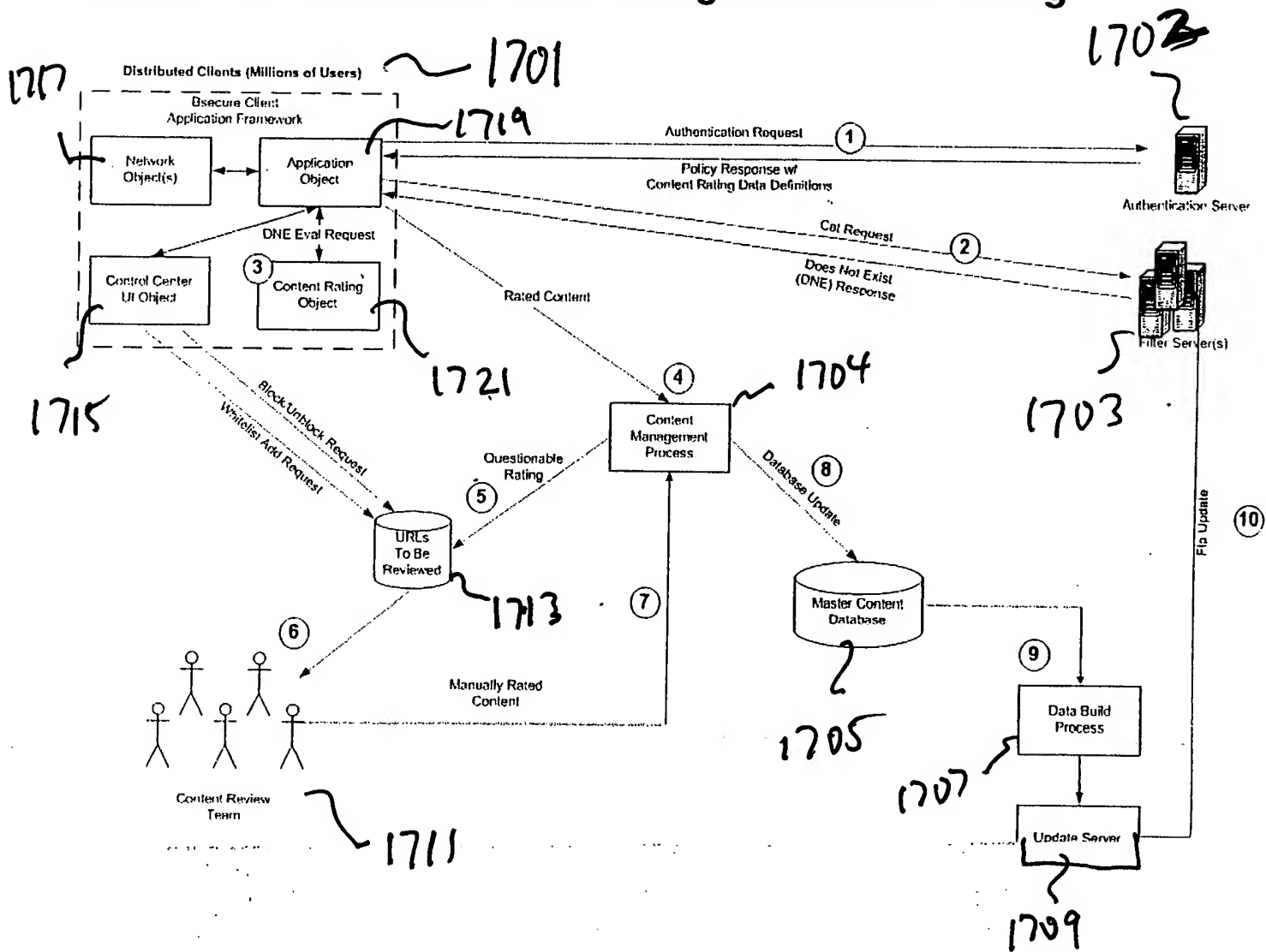


FIG 17

# System to provide Integrated Internet Protection Services (filtering, firewall, popup control, antivirus, reporting, Instant Message filtering, spam filter)

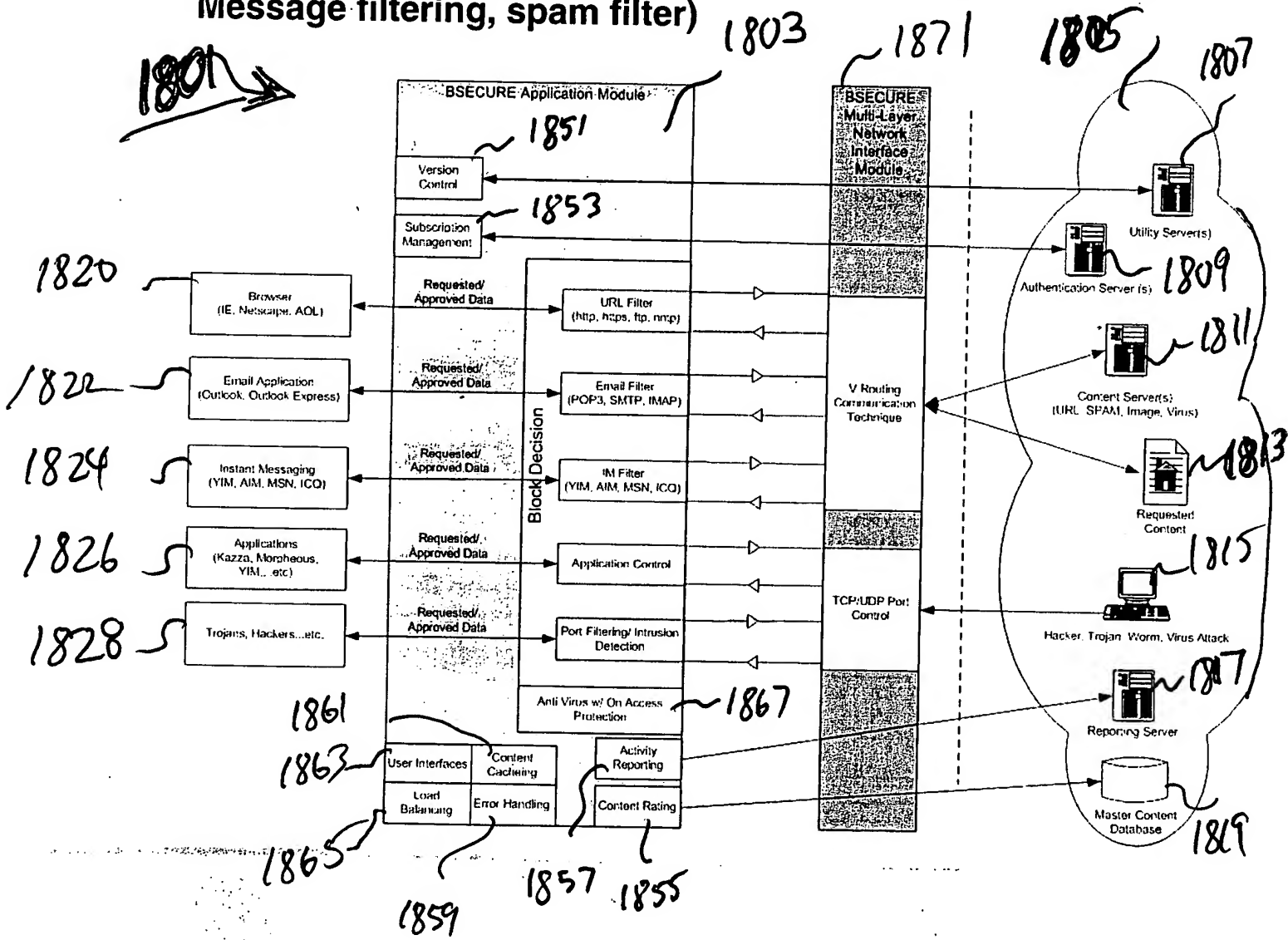


FIG 18

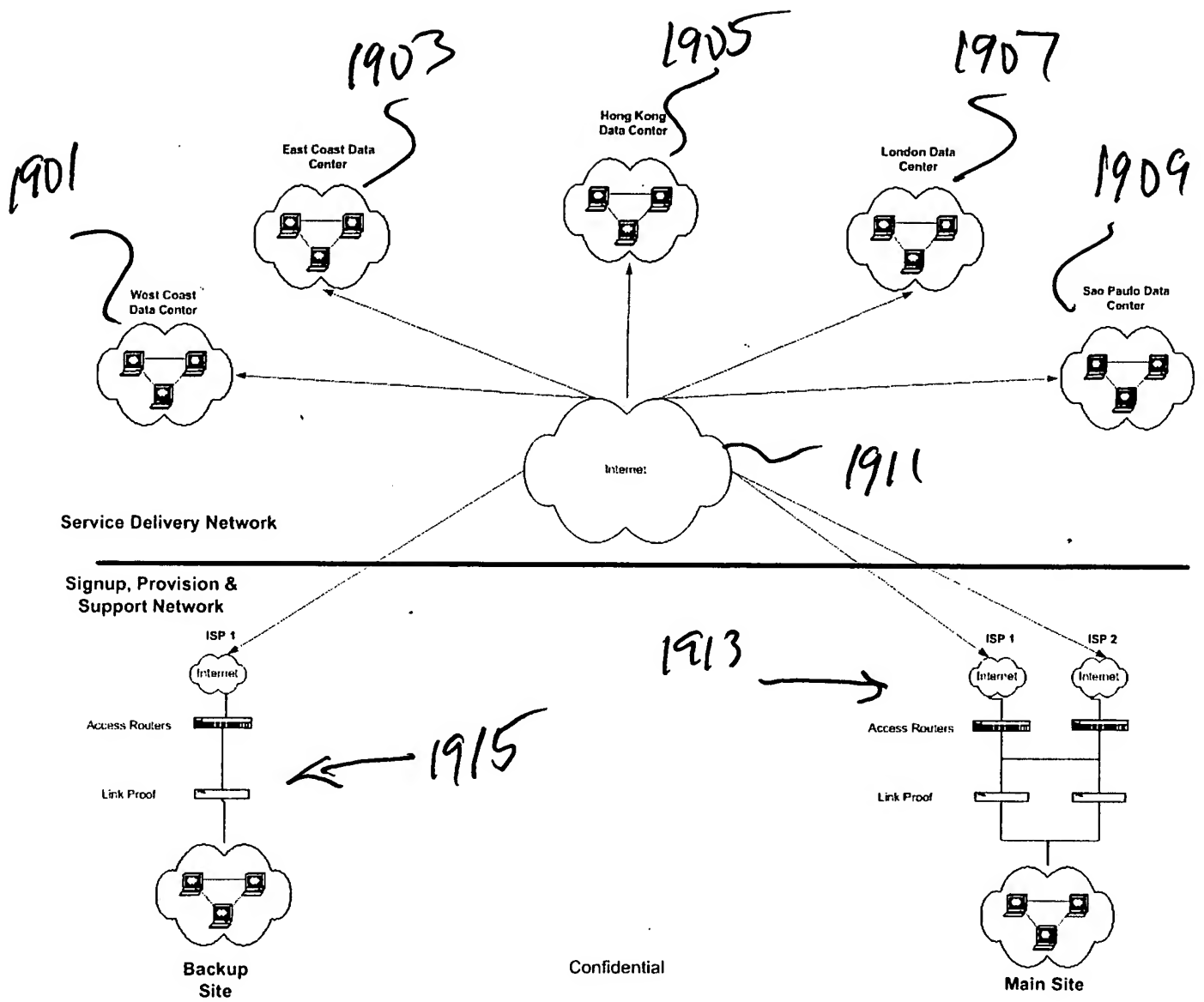


FIG 19

Collocated Service  
Delivery Data Center(s)

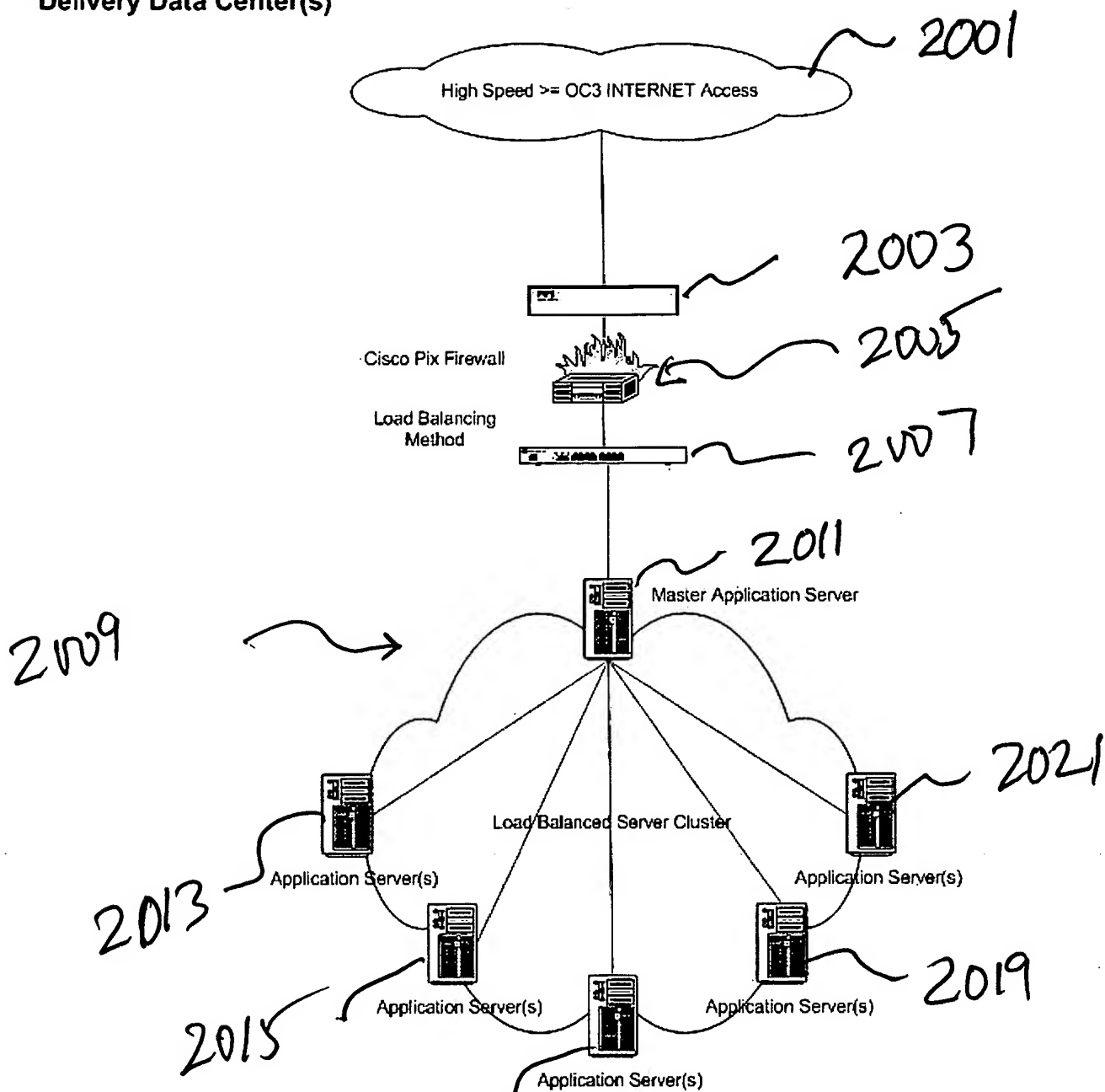


FIG 20

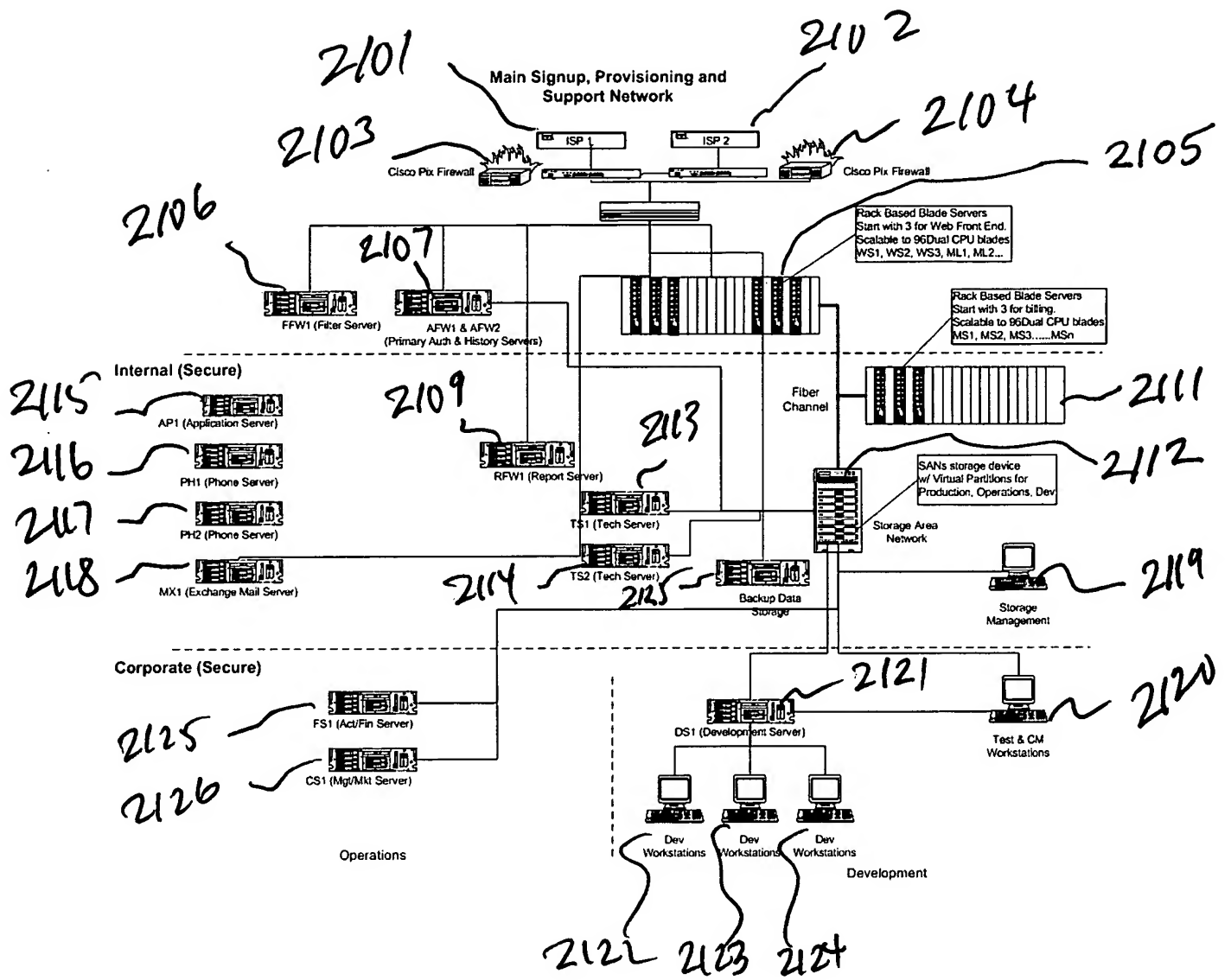


FIG 21

## Content Filter Component

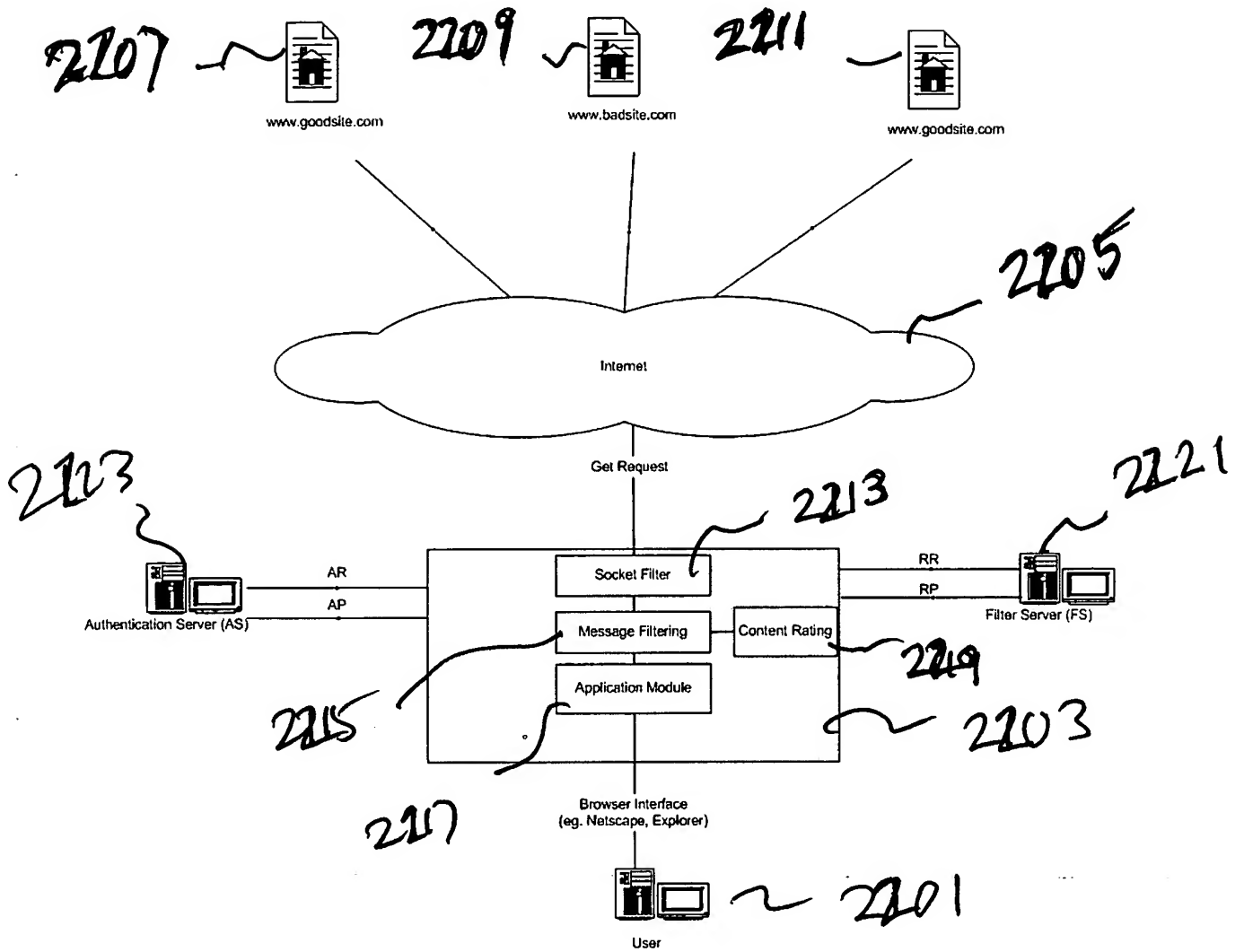


FIG 22



# Personal Firewall Component

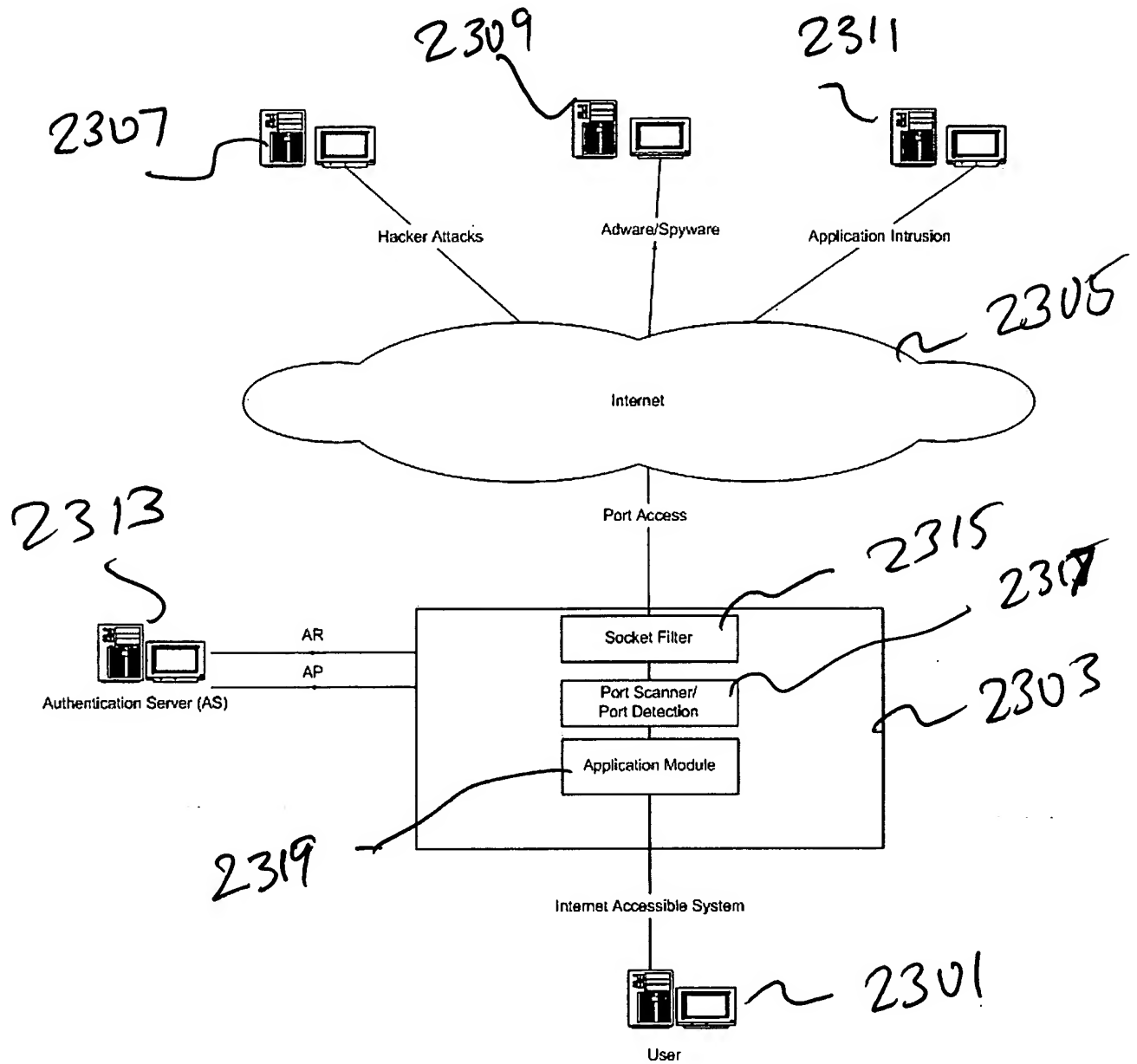


FIG 23

# Activity Reporting Component

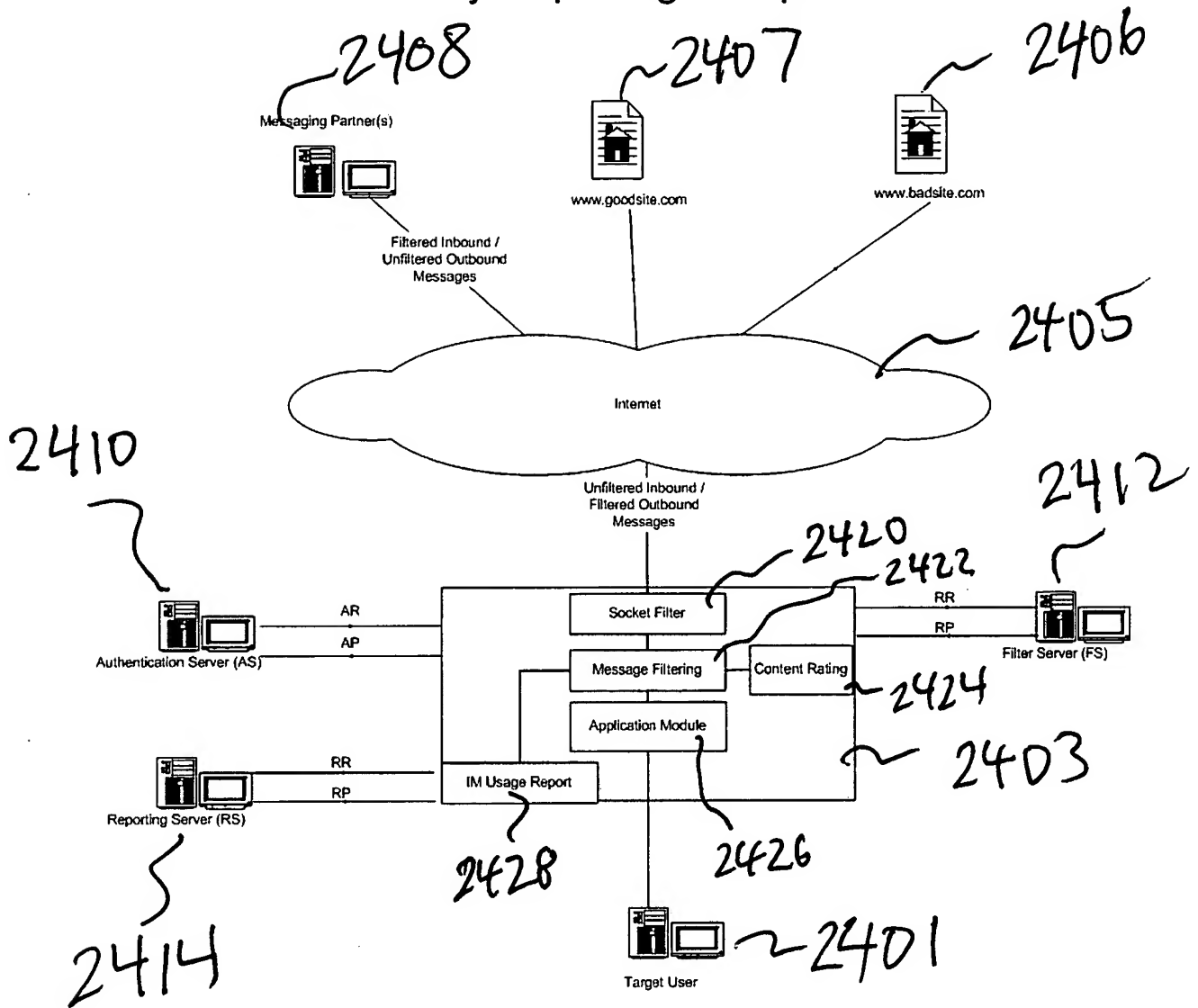


FIG 24

# Anti Virus Protection Component

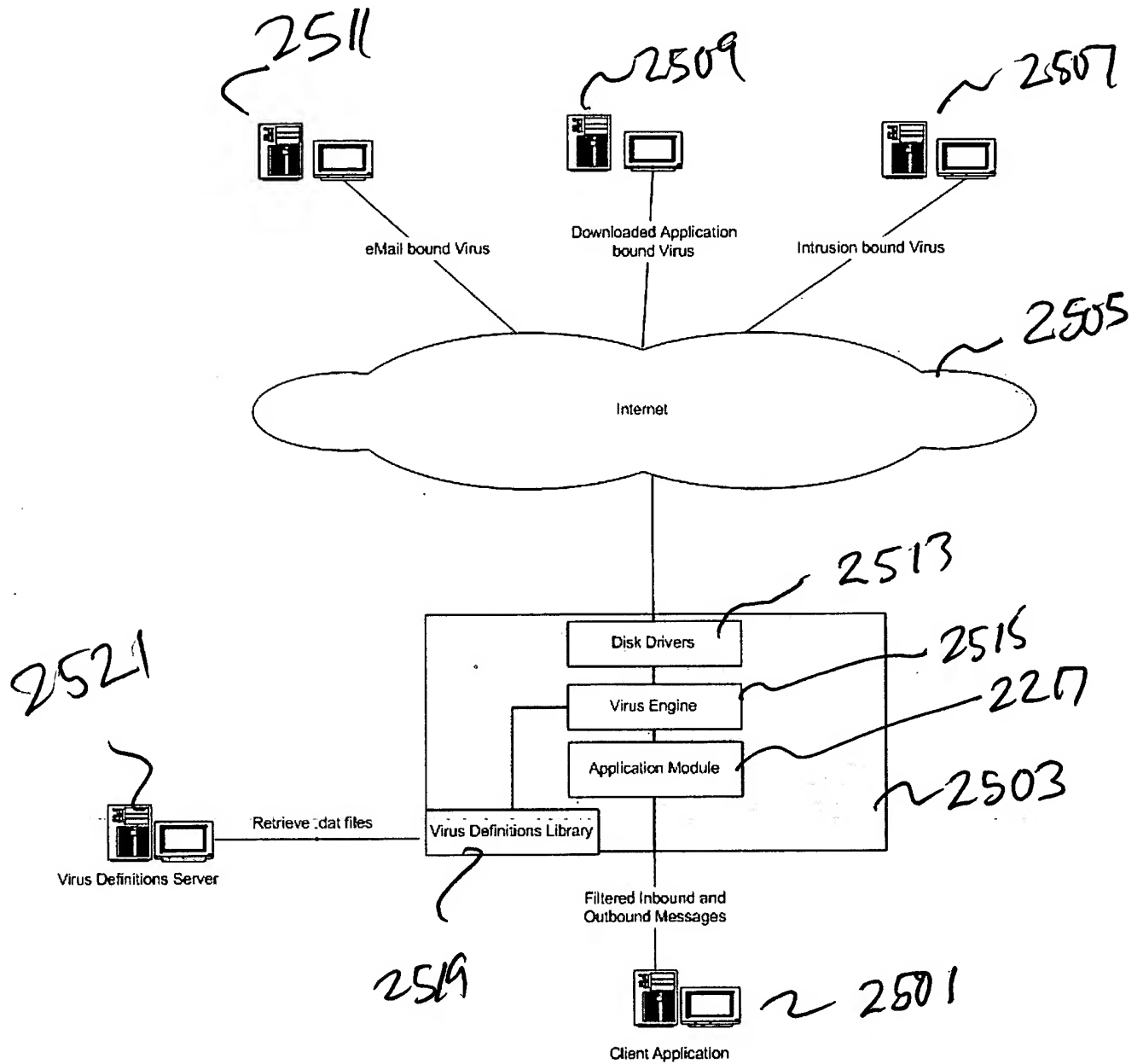


FIG 25

# Instant Message Filter Component

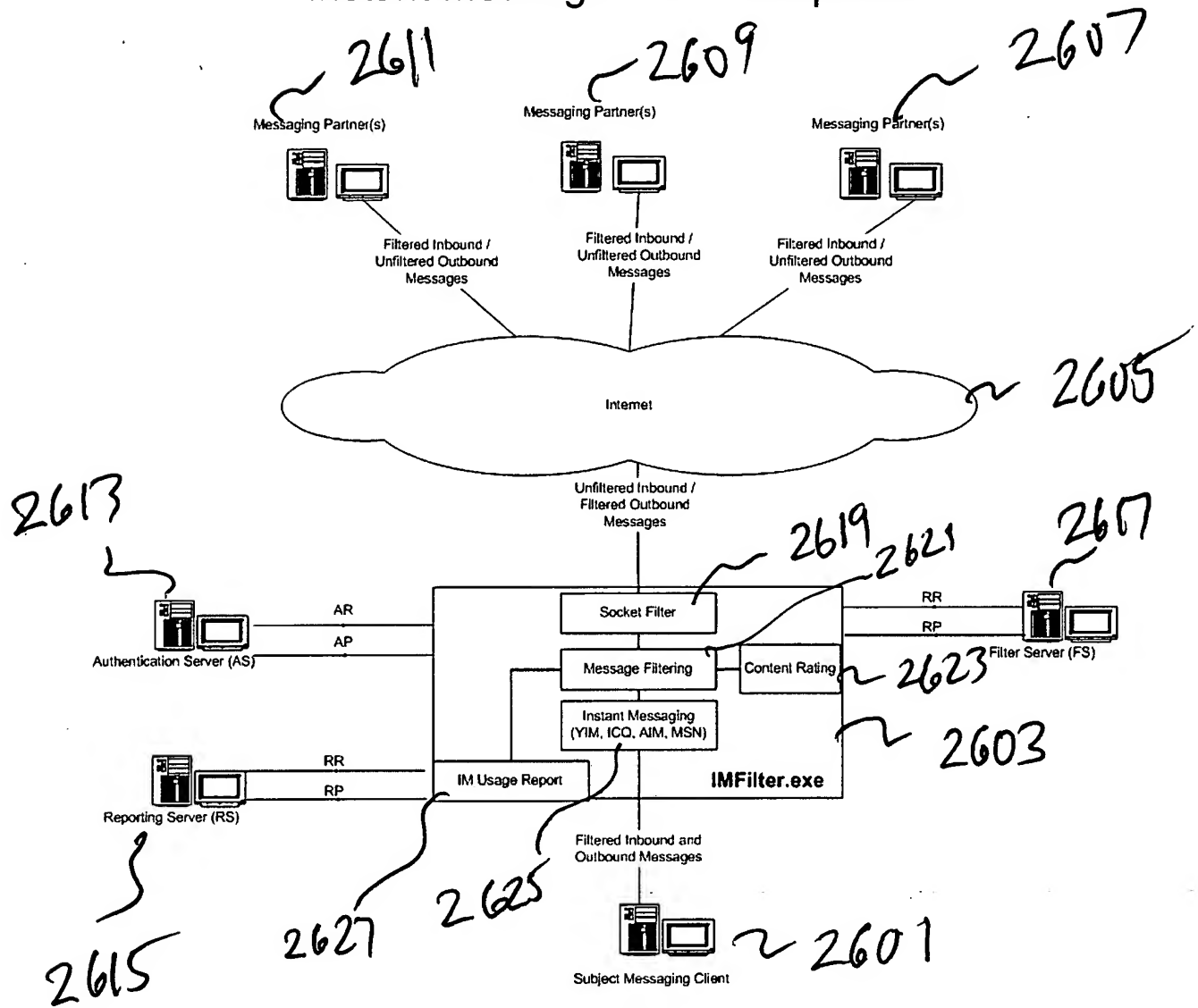
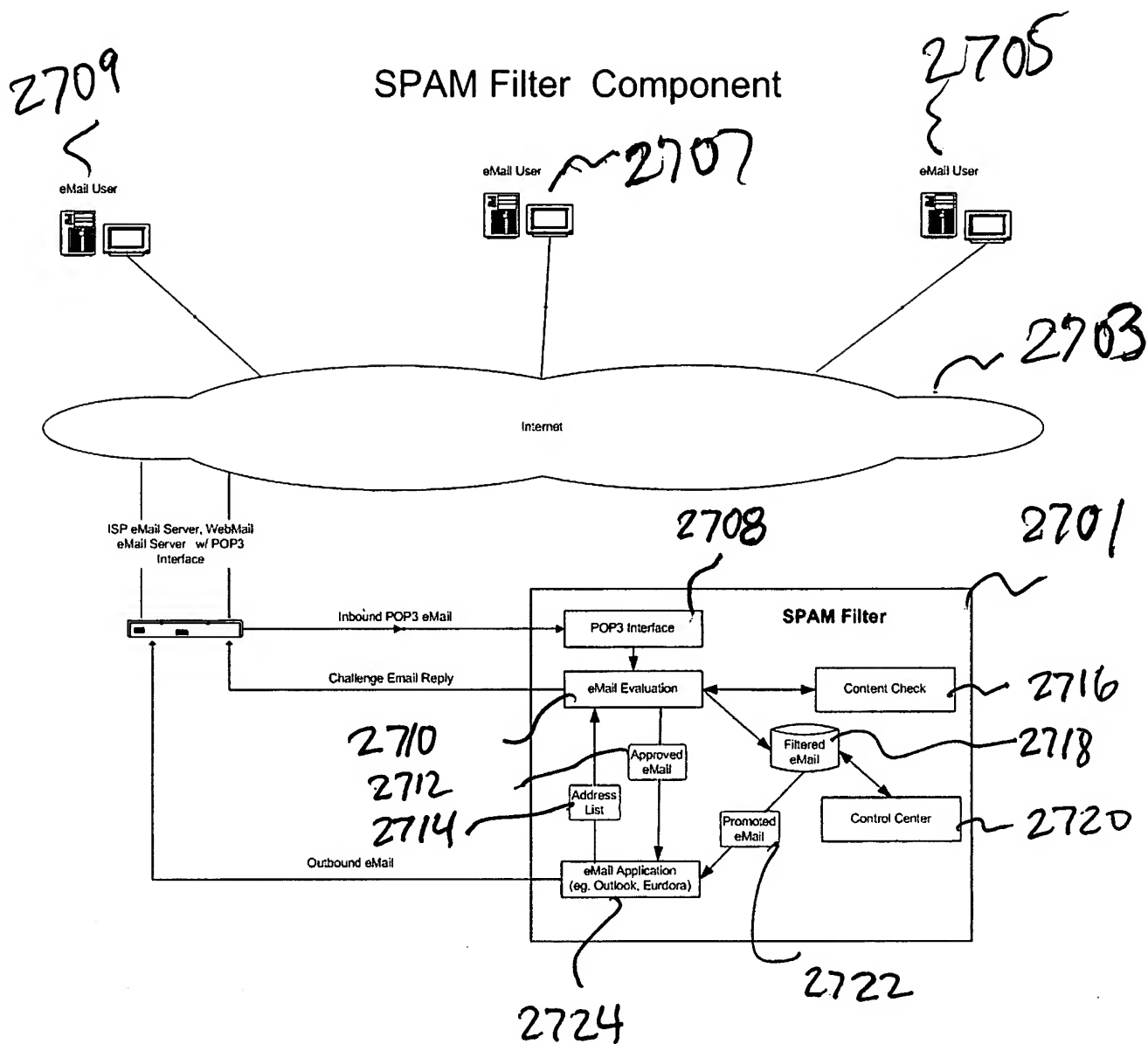


FIG 26



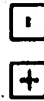
**FIG 27**

## Bsafe Accountability System - Multi-User Report

LOGGED IN

MULTI-USER REPORT CONSOLE

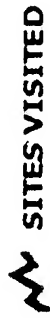
Welcome to the Multi-user Console, where you can view NetAccountability log information for many users at once. Here we list the top 10 URLs for each person in your organization -- regardless of page ranking. In other words, these are the 10 worst -- but assuming that most of your users are keeping clean online, this in most cases will just be a list of the "least good". Each column can be sorted by clicking on that column's header -- and you can turn on and off the "URL listing" feature by clicking on the "+/-" at the top left of the list.



FIRST NAME	LAST NAME	STATUS	
[REDACTED]	[REDACTED]	<input type="checkbox"/>	VIEW DETAILED STATS
[REDACTED]	[REDACTED]	<input type="checkbox"/>	VIEW DETAILED STATS
[REDACTED]	[REDACTED]	<input type="checkbox"/>	VIEW DETAILED STATS
[REDACTED]	[REDACTED]	<input type="checkbox"/>	VIEW DETAILED STATS
[REDACTED]	[REDACTED]	<input type="checkbox"/>	VIEW DETAILED STATS
[REDACTED]	[REDACTED]	<input type="checkbox"/>	VIEW DETAILED STATS
[REDACTED]	[REDACTED]	<input type="checkbox"/>	VIEW DETAILED STATS

FIG 28

# Bsafe Accountability System - Single User Report



PRINT

## SITES VISITED

### WEDNESDAY

Start Time	Site	Machine ID	Rating
01:55 PM	[±] <a href="#">ad.doubleclick.net</a> [2]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
04:06 PM	[±] <a href="#">ads.addesktop.com</a> [5]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
01:55 PM	[±] <a href="#">amch.questionmarket.com</a> [3]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
02:06 PM	[±] <a href="#">communications.msn.com</a> [1]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
03:03 PM	[±] <a href="#">down.plaxo.com</a> [2]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
01:55 PM	[±] <a href="#">m3.doubleclick.net</a> [2]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
01:48 PM	[±] <a href="#">news.google.com</a> [8]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
01:48 PM	[±] <a href="#">pagead2.googleadsyndication.com</a> [4]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
09:26 AM	[±] <a href="#">sa.windows.com</a> [6]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
01:55 PM	[±] <a href="#">server-us.imrworldwide.com</a> [1]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
01:48 PM	[±] <a href="#">update.adobe.com</a> [1]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
01:48 PM	[±] <a href="#">www.crosswalk.com</a> [7]	Laptop	<u>Medium</u> <input checked="" type="checkbox"/>
04:06 PM	[±] <a href="#">www.csmonitor.com</a> [1]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
09:05 AM	[±] <a href="#">www.download.windowsupdate.com</a> [1]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
01:55 PM	[±] <a href="#">www.forbes.com</a> [1]	Laptop	<u>Not Rated</u> <input type="checkbox"/>
04:53 PM	[±] <a href="#">www.naf.com</a> [1]	Laptop	<u>Not Rated</u> <input type="checkbox"/>

FIG 29